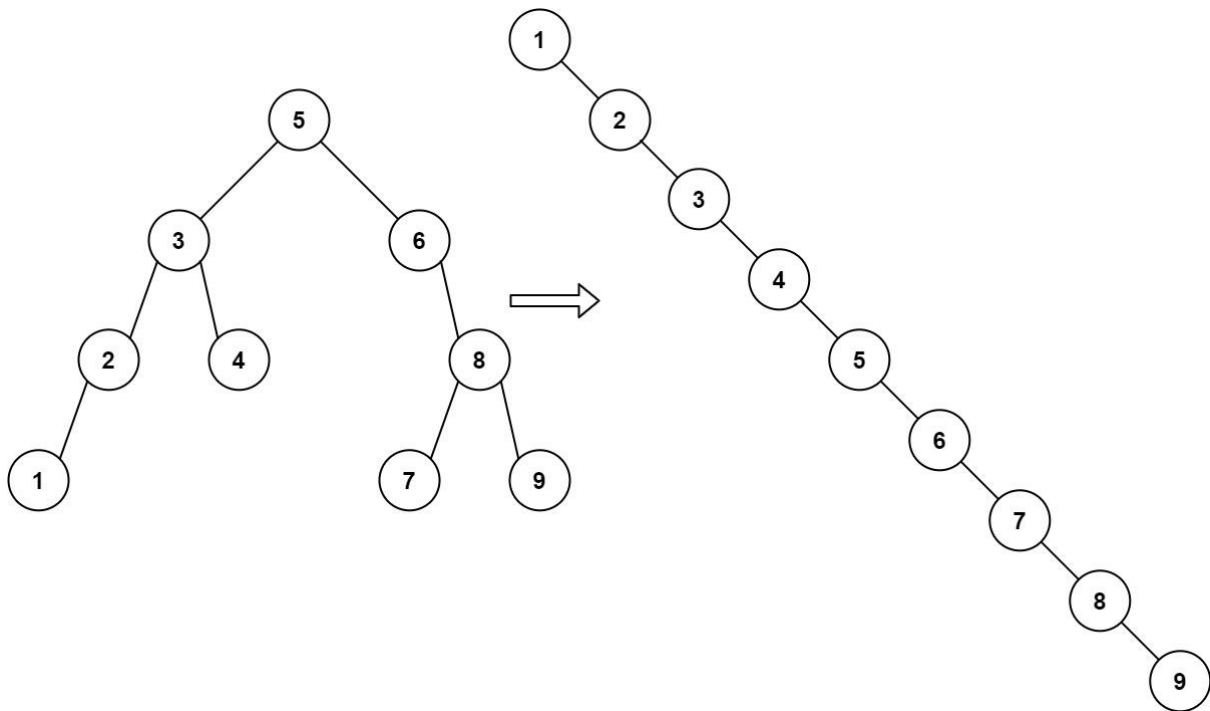


Increasing Order Search Tree [\(View\)](#)

Given the `root` of a binary search tree, rearrange the tree in **in-order** so that the leftmost node in the tree is now the root of the tree, and every node has no left child and only one right child.

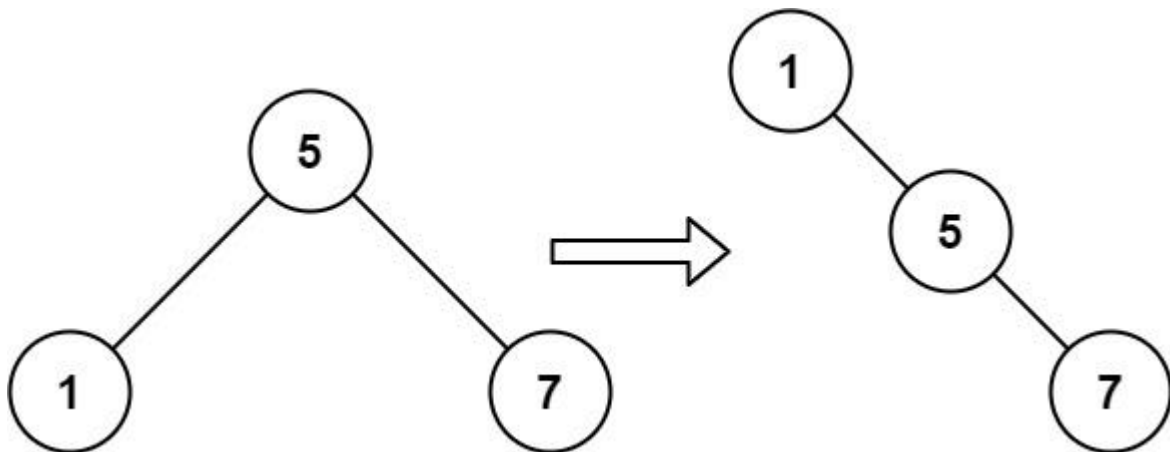
Example 1:



Input: `root = [5,3,6,2,4,null,8,1,null,null,null,7,9]`

Output: `[1,null,2,null,3,null,4,null,5,null,6,null,7,null,8,null,9]`

Example 2:



Input: `root = [5,1,7]`

Output: `[1,null,5,null,7]`

Constraints:

- The number of nodes in the given tree will be in the range `[1, 100]`.
- `0 <= Node.val <= 1000`